AEE, YSTS

AS:

TS

No : 1st and Final

YNK-DBR No.....
Date.....

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(for Other Works)

Est. Cost :

SBR No: 38/23-24

Date: 24/7/2023.

Date.....20.....

Division : Yelahanka Division

Sub-Division: Yelahanka New Town Sub Division

Bill Received No. .....Dated.....Cash Book Vocher No.....dated.....

Schedule Doctet No.

Head of Account P-3726 **Job Code No:** 005-23-000007

Name of Work: "Improvements and Construction of Compound Wall, Sump Tank and Electric Work in Govt Primary & High School Yelahanka B Sector in ward no-05 of Yelahanka New Town Sub Divison"

Name of Contractor and Full address : Smt. Likith V (Shree Byraveshwara Constructions) , Contrator Bangalore.

Work Order No: BBMP/EE/YNK.D/EPMT-12/W.O/103/2022-23

Date: 07.02.2023

Certified that the measurments were taken by me on 24/07/2023 and recorded of Pages 586927 to 586935 of measurment Book No. 5870 and that the work is satisfactorily executed

Likith V.
Contractor

Officer-in-charge of work

Cetified that measurments were taken by me on 24/07/2023 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account ii have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed by the contractor is recorded in the office.

If Memorandum of Payment

Superior Officer

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.

1) Total value of work done or suppliers made as per account with in
2) Deduct amount to be held in reserve being .....Present Rs.....
3) " Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Vocher No.....
   dated.....less adjustments
7) Net amount due to or from comtractor
   unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within
   value of Government materials supplied

Gross Amt	= Rs	2322000=00
FSD	= Rs	—
CGST	= Rs	19678=00
SGST	= Rs	19678=00
IT	= Rs	23220=00
LC	= Rs	23220=00
CBF	= Rs	2322=00
Royalty	= Rs	42300=00
T.D.	= Rs	130418=00
Contractor's Signature		2191582=00

Likith V.

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated.....Likith V. Signature of contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer making Payment

Stamp

Audited & Admitted for Rs. 2322000=00

2191582=00 by Cheque

and Rs. 130418=00 by adjusement

Accts. Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

EXECUTIVE ENGINEER: YELAHANKA DIVISION

Name of Work: "Improvements and Construction of Compound Wall, Sump Tank and Electric Work in Govt Primary & High School Yelahanka B Sector in ward no-05 of Yelahanka New Town Sub Divison"

1st & Final Bill

Name of Agency: Smt. Likith V (Shree Byraveshwara Constructions)

Sl. No.	Description of work	Unit	Schedule-B		Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material to the appropriate disposal area as per direction of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 165 item No.19.27.2)	Sqm	12.18	396.00	0.00	0.00	12.18	396.00	4,823.28	12.18	4,823.28	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking to the appropriate disposal area as per direction of Engineer in-charge.(PWD SR 2021-22 Vol-2 Pg 164 item No.19.12.2)	Sqm	2.72	188.00	0.00	0.00	2.72	188.00	510.42	2.72	510.42	
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 163 item No.19.7.3)	Sqm	7.51	807.00	0.00	0.00	7.51	807.00	6,058.55	7.51	6,058.55	
4	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 163 item No.19.2.1)	Sqm	137.42	1303.00	0.00	0.00	137.42	1303.00	1,79,063.47	137.42	1,79,063.47	
5	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 165 item No.19.19)	Kg	425.04	2.00	0.00	0.00	425.04	2.00	850.08	425.04	850.08	
6	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m(PWD SR 2021-22 Vol-1 Pg 5 item No.1.4.2)	Cum	36.87	203.00	0.00	0.00	36.87	203.00	7,485.22	36.87	7,485.22	

Sl. No.	Description of work	Unit	Schedule-B		Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
7	Poviding and Filling foundation with granite/ trap broken metal 100mm and down size with approval sand including hand packing ramming watering including cost of all materials and labour with all lead and lift complete as per specifications .Specification No.(PWD SR 2021-22 Vol-2 Corrigenda item No.6.4)	Cum	0.74	2620.00	0.00	0.00	0.74	2620.00	1,930.94	0.74	1,930.94	
8	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregate(PWD SR 2021-22 Vol-1 Pg 15 item No.2.1.3)(PWD SR 2021-22 Vol-1 Pg 5 item No.1.4.2)	Cum	5.40	5884.00	0.00	0.00	5.40	5884.00	31,764.77	5.40	31,764.77	
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)Mix (PWD SR 2021-22 Vol-1 Pg 16 item No.2.4.1)	Cum	14.54	6961.00 6912.00	0.00	0.00	14.54	6961.00 6912.00	1,01,212.94 100500.00	14.54	1,01,212.94 100500.00	
10	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) 2.5.2 M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	0.17	6961.00	0.00	0.00	0.17	6961.00	1,169.45	0.17	1,169.45	

Sl. No.	Description of work	Unit	Schedule-B		Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
11	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Kg	1513.84	98.00	0.00	0.00	1513.84	98.00	1,48,356.32	1513.84	1,48,356.32	
12	Providing and Fixing Pre-cast covering Slab 100mm thick made out of CC Jelly 20mm Down Size with Steel reinforcement including form work curing including cost of all materials labour hire charges of machinery loading unloading lead and lift transportation etc complete as per Engineer incharge (Approved Data Rate)	Sqm	12.60	2120.00	0.00	0.00	12.60	2120.00	26,712.00	12.60	26,712.00	
13	Providing and Fixing Pre-cast covering Slab 230mm thick made out of CC Jelly 20mm Down Size with Steel reinforcement including form work curing including cost of all materials labour hire charges of machinery loading unloading lead and lift transportation etc complete as per Engineer incharge (Approved Data Rate)	Sqm	4.95	5152.00	0.00	0.00	4.95	5152.00	25,502.40	4.95	25,502.40	
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.Mix 1:2:4 M15 (The cost of steel reinforcement & formwork to be paid separately)	Cum	20.77	208.00	0.00	0.00	20.77	208.00	4,320.16	20.77	4,320.16	
15	Earth work in surface excavation for stripping, seating of bund, Road way, by manual means for lowering & leveling the ground for all works other than foundation & depth in all kinds of soil not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work (PWD SR 2021-22 Vol-1 Pg 8 item No.1.12)	Cum	62.31	67.00	0.00	0.00	62.31	67.00	4,174.77	62.31	4,174.77	
16	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work. (P.No. 7, I.No. 1.8 of PWD & CSR VOL-1 SR 2021-22)	Cum	20.77	411.00	0.00	0.00	20.77	411.00	8,536.47	20.77	8,536.47	

Sl. No.	Description of work	Unit	Schedule-B		Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
17	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)2.1.1 Mix 1:5:10 (M 5.0) Using 40 mm nominal size graded crushed coarse aggregates	Cum	31.16	5090.00	0.00	0.00	31.16	5090.00	1,58,578.95	31.16	1,58,578.95	
18	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	20.77	6994.00	0.00	0.00	20.77	6994.00	1,45,265.38	20.77	1,45,265.38	
19	Providing and laying heavy duty cobble stones 60mmthick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its finallevel , including cost of materials, labour andUsage charges of machinery complete as per specifications.	Sqm	207.70	1112.00	0.00	0.00	207.70	1112.00	2,30,962.40	207.70	2,30,962.40	

Sl. No.	Description of work	Unit	Schedule-B		Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
20	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its finallevel , including cost of materials, labour andUsage charges of machinery complete as per specifications.	Sqm	207.70	1171.00	0.00	0.00	207.70	1171.00	2,43,216.70	207.70	2,43,216.70	
21	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.(Tipper 14 m3)(PWD SR 2021-22 Vol-III Pg 3 item No.1.1C)	Cum	461.91	120.00	0.00	0.00	461.91	120.00	55,429.20	461.91	55,429.20	
22	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km(PWD SR 2021-22 Vol-III Pg 3 item No.1.4 A)	T.Km	617.83	98.00	0.00	0.00	591.24	98.00	57,941.99	591.24	57,941.99	
23	Fabricating .Providing and erecting in position Hot dip galvanised Gate.Using 72X72X4.8MM Sq.GI pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile , 20mm hot dip galvinsed sq.road for verticles at 150mm C/C,as shown in the drawing including providing hot dip galvanised forged Ornamental design in btn Sq.road and heads at top, middle,and bottom.Intermediate supports 75x12mm and 50x6 mm arch bend to hot dip galavised Flats .The work is inclusiveof thoughing GI flat GI sq.rods placing welding aal joints including griding,finishing metal putty painting two coats enamel painting .the rate is inclusive of all materials like GI sq.pipe, GI sq.rods,GI Forged designsetc... heavy duty hinges are made out of 75MM Solid Sq,block assembled with 20mm dia bearing in three places for each flop heavy duty locking arrangements at tow places including cost of labour, painting,erecting charges using hoist pulley cranes with all lead lift charges loading transportation unloading Scaffolding charges for succesfull completion of the work as per directions of the Engineer in charge(Data Rate)	Sqm	14.17	11601.00	0.00	0.00	14.17	11601.00	1,64,362.97	14.17	1,64,362.97	
24	Providing and placing on terrace ,Polythene water storage tanks as per IS12701 Marked with cover and suitable locking arrangement and make necessary holes for inlet,outlet and overflow pipes but without fittings and the base supports for tank (For 1000 litres capacity)(PWD SR 2021-22 Vol-2 Corrigenda Sl.No.12 item No.13.34)	Ltr	3000.00	8.00	0.00	0.00	3000.00	8.00	24,000.00	3000.00	24,000.00	
25	Providing and fixing M.S. grills of required pattern in frames of win dows etc. with M.S. flats, square or round bars etc.including priming coat with approved steel primer all complete. Fixed to steel window by welding(PWD SR 2021-22 Vol-2 Pg 85 item No.11.34 A)	Kg	1166.31	136.00	0.00	0.00	1166.31	136.00	1,58,618.16	1166.31	1,58,618.16	

Sl. No.	Description of work	Unit	Schedule-B		Measurement		Present Measurement			Total Of-to-date		Remark
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
26	Providing and laying Cement concrete flooring 40 mm thick with 20 mm nominal size stone aggregate using 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry complete(PWD SR 2021-22 Vol 2 Pg 59 item No.9.1)	Sqm	19.36	409.00	0.00	0.00	19.36	409.00	7,918.24	19.36	7,918.24	
27	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.Mix 1:2:4 M15 (The cost of steel reinforcement & formwork to be paid separately)	Cum	1.94	6015.00	0.00	0.00	1.94	6015.00	11,645.04	1.94	11,645.04	
28	Supply and Delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments 2 HP Size 50x40 Head 22M Discharge 186LPM	Each	2.00	16247.00	0.00	0.00	2.00	16247.00	32,494.00	2.00	32,494.00	
29	Green Soul Seuol-X Mid Back Ergonomic Chair (Home Office, WFH Moulded Foam Extra Comfort Faabric Office Executive Chair Data Rate Complete as per Specifications Specification and direction of site engineer in charge	No,s	11.00	3608.00	0.00	0.00	11.00	3608.00	39,688.00	11.00	39,688.00	
30	Supplying steel Almirah with shelves & locker 6.6 feet 18/20 gauge of size 78" x 36" x 19" etc including of all taxes as per approved by engineer in charge (Data Rate) Complete as per specifications Specifiaction and direction of site engineer in charge	No,s	7.00	11180.00	0.00	0.00	7.00	11180.00	78,260.00	7.00	78,260.00	

Sl. No.	Description of work	Unit	Schedule-B		Measurement		Present Measurement			Total UP-to-date	
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost
31	Supplying of ....feet PVC Batten with integrated LED tube...W with high quality diffuser with life of 25000 burning hours & 70% lumen maintenance with CRI> 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved . 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fitting 1x2' - 9/10 W	Each	17.00	461.00	0.00	0.00	17.00	461.00	7,837.00	17.00	7,837.00
									Sub Total Amount :-		19,68,689.27
									Add 18% towards GST Charges :-		3,54,364.07
									Grand Total Amount :-		23,23,053.34
	Grand Total (In Words) :- Rupees Twenty Three Lakhs Twenty Three Thousand Fifty Three Paise Three Four Only										

1967976.00
354236.00
2322212.00

Certificate

1 The above work has been Completed satisfactorily

2 The debris has been removed and disposed from the work spot.

3 No. departmental issues are made to the contractor

Assisstant Engineer
Ward No.05
BBMP-Bangalore

Assistant Executive Engineer
Yelahanka New Town Sub Division
BBMP-Bangalore

Executive Engineer
Yelahanka Division
BBMP-Bangalore